

CLAIMS

1. An exercise therapy device comprising:
pedals;
a pedal rotation shaft connected with the pedals;
a load motor for rotation-driving the pedal rotation shaft;
and
a load control means for drive-controlling the load motor such
that the load motor causes a rotating motion of the pedal rotation
shaft to be started.

2. The exercise therapy device according to Claim 1, wherein
the load control means controls the load motor such that the load
motor assists a start load at a start of the rotating motion of
the pedal rotation shaft.

3. The exercise therapy device according to Claim 1, further
comprising a judgment means for making a judgment as to whether
the pedal rotation shaft is being rotated by an assisting force
of the load motor or not.

4. The exercise therapy device according to Claim 1, further
comprising a drive transmission means for transmitting the rotating
motion of the pedal rotation shaft to the load motor,

wherein the judgment means has a detecting portion for

detecting a sag in a configuration of the drive transmission means to output a sag detection signal; and

the load control means controls driving and stopping of the load motor based on the sag detection signal output from the detecting portion.

5. The exercise therapy device according to Claim 3, further comprising:

a pedal shaft pulley provided on the pedal rotation shaft; and

a load side pulley provided on the load motor,

wherein the drive transmission means comprises a belt looped around the pedal shaft pulley and the load side pulley.